Original/Duplicate/Triplicate

# CONTRACT CERTIFICATE

(For Other Works)

Bill Type::1st & Final Bill

Date.....2021

Zone: BBMP,Yelahanka | Division: BBMP, Byatarayanapura | Sub-Division: Vidyaranyapura

Bill Received No. Dated Divisional

Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 009-21-000005

Schedule Docket No. Head of Account: P3798, Special Developments Works Est.Cost: Rs. 100.00 Lakhs INDENT NO.: 45022

**Name of Work : Improvements of Roads and Drains at HMT Layout, Thindlu, Virupakshapura and surrounding area in Ward No. 09 (Vidyaranyapura).**

Name of Contractor and Full Address: Sri Ashwathnarayana, # 38, Chanappa Layout, Sharadhabhanagara, Jalahalli Village, Bangalore - 560 013.

Reference to Agreement No. BBMP/EE/BTP/WO/154/2020-21 Date: 08-12-2020

Certified that the measurements were taken by me on: 22/6/21 and recorded of Pages 357864 to 357870 of measurement Book No. 35791A-6 and that work is satisfactorily executed.

Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 23/6/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

| | | |
|---|---|---|
| 1) Total value of work done or supplies made as per account within | RA - 10400600=00 | |
| 2) Deduct amount to be held in reserve being.....Percent Rs..... | | |
| 3) " Balance | RT - 104006=00 | |
| 4) Deduct Payment: | LC - 104006=00 | |
| a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... | LBF - 10401=00 | |
| adjusted towards cash advance recovery of | CGST - 92863=00 | |
| b) Payments cost store or other material supplied. | SGST - 92863=00 | |
| Now made recovery of amount creditable to this /other work | Royalty - 139300=00 | |
| Amount paid on this bill Cheque/Cash. | T.D - 543439=00 | |
| 5) Balance being unpaid value of work done held in reserve. | | |
| 6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments. | | |
| Total Amount Adjusted - | - 9857161=00 | |
| 7) Net amount due to or from Contractor unadjustments items. | | |
| 8) Advance to Contractor for materials brought to site (as detailed) within | | |
| 9) Value of Government materials supplied. | | |

A.E. (BTP. DIV)

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

(For use in the Office)

Witness
1
2
Dated Signature of Contractor

Stamp

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account.....P - 3798.....

Bill Passed for Rs.....10400600=00.....

Statutory Deductions Rs.....543439=00.....By Adjustment

Net Amount Paid Rs.....9857161=00.....By NEFT/RTGS

CW

Account Superintendent
Byatarayanapura Division
BBMP

Executive Engineer
Byatarayanapura Division
BBMP

| Sl. No. | | Unit |
|---|---|---|
| 1 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 2 | Providing and laying **Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm** and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days etc complete as per specifications and directions of engineer in charge of the work | cum |
| 3 | Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6, edges of stones** chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each | cum |
| 4 | Providing and laying in position **plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size** graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | cum |
| 5 | Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4 etc complete as per specifications and directions of engineer in charge of the work | sqm |
| 6 | Providing laying palin / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC at 300 kgs with 20 mm and down size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed well compacted for walls and bottom including cenmtering shuttering form work etc. complete as per approved drawing and design MORTH Specification No. 1500,1700,2200 Wall & Bottom thickness 15cm etc complete as per specifications and directions of engineer in charge of the work | Cum |
| | Qty Above 125% | |
| 7 | Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. **TMT bars Fe 500** etc complete as per specifications and directions of engineer in charge of the work | Tonne |
| | Qty Above 125% | |
| 8 | Providing **precast slab of 100mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge | Sqm |
| 9 | Providing **precast slab of 250mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge | Sqm |
| 10 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete as per specifications and directions of engineer in charge of the work | No |
| 11 | Providing and applying ready mix priming coat **over concrete** / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 12 | Providing and applying spray painting in two coats (excluding priming coat ) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 13 | Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 14 | Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 15 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work | Sqm |

| Previous Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|
| Qty. | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| - | - | 1132.78 | 300.00 | 339834.00 | 1132.78 | 339834.00 | |
| - | - | 116.37 | 5500.00 | 640035.00 | 116.37 | 640035.00 | |
| - | - | 0.00 | 5811.00 | 0.00 | 0.00 | 0.00 | |
| - | - | 0.00 | 5599.00 | 0.00 | 0.00 | 0.00 | |
| - | - | 0.00 | 149.00 | 0.00 | 0.00 | 0.00 | |
| - | - | 257.51 | 7200.00 | 1854072.00 | 257.51 | 1854072.00 | |
| - | - | 21.78 | 7417.35 | 161550.00 | 21.78 | 161550.00 | |
| - | - | 15.45 | 72326.00 | 1117437.00 | 15.45 | 1117437.00 | |
| | | 1.31 | 75878.23 | 99400.00 | 1.31 | 99400.00 | |
| - | - | 326.07 | 2337.00 | 762026.00 | 326.07 | 762026.00 | |
| - | - | 0.00 | 5418.00 | 0.00 | 0.00 | 0.00 | |
| - | - | 1724.00 | 432.00 | 744768.00 | 1724.00 | 744768.00 | |
| - | - | 310.32 | 39.00 | 12102.00 | 310.32 | 12102.00 | |
| - | - | 310.32 | 90.00 | 27929.00 | 310.32 | 27929.00 | |
| - | - | 1664.32 | 95.00 | 158110.00 | 1664.32 | 158110.00 | |
| - | - | 416.08 | 2001.00 | 832576.00 | 416.08 | 832576.00 | |
| - | - | 1664.32 | 29.00 | 48265.00 | 1664.32 | 48265.00 | |

| Sl. No. | | Uni |
|---|---|---|
| 16 | Providing and laying **dense graded bituminous macadam** using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 17 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 18 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| 19 | Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - **using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work | Cum |
| 20 | Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work | Sqm |
| | **Sub Total** | |
| | **GST @ 12%** | |
| | **Grand Total** | |

**CERTIFICATE**

1. Certified that the above work done satisfactory and no materials issued from departmentally.

| revious Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|
| Qty. | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| - | - | 84.66 | 7000.00 | 592620.00 | 84.66 | 592620.00 | |
| - | - | 4755.20 | 6.75 | 32098.00 | 4755.20 | 32098.00 | |
| - | - | 4755.20 | 12.00 | 57062.00 | 4755.20 | 57062.00 | |
| - | - | 190.21 | 9000.00 | 1711890.00 | 190.21 | 1711890.00 | |
| - | - | 208.25 | 454.00 | 94546.00 | 208.25 | 94546.00 | |
| | | | | **9286320.00** | | **9286320.00** | |
| | | | | **1114358.00** | | **1114358.00** | |
| | | | | **10400678.00** | | **10400678.00** | |

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97